

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of:

APPLICANTS: Peter Dam Nielsen  
SERIAL NO.: 10/663,477 FILING DATE: September 15, 2003  
EXAMINER: Radtke, Mark A. ART UNIT: 2165  
ATTORNEY'S DOCKET NO.: 857.0017.U1(US)  
TITLE: MODIFYING A DATABASE COMPRISING IMAGE FIELDS

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

REQUEST FOR CONTINUED EXAMINATION AND RESPONSE TO OFFICE  
ACTION

Sir:

This paper is herewith filed as a Request for Continued Examination and in response to the Final Office Action dated November 25, 2008. As such, please consider this paper as a petition for a suitable extension of time period. Applicant petitions for a two-month extension of time in which to file this response and authorizes the USPTO to charge deposit account no. 50-1924 in the amount of \$460 for the extension fee. No further petition or fee is believed to be due. However, should the undersigned agent be mistaken, please consider this a petition for any extension of time that may be required to maintain the pendency of this Patent Application, and charge deposit account no. 50-1924 for any required fee deficiency.

Please amend the application as shown below.

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**AMENDMENTS TO THE CLAIMS:**

This listing of the claims will replace all prior versions, and listings, of the claims in this application.

Please cancel claims 1-7, 12, 18, 23, and 26-28 without prejudice or disclaimer.

**Listing of Claims:**

1. to 7. (Cancelled).

8. (Currently Amended) The apparatus as in claim 31 ~~30~~, wherein the database software application functions as at least a telephone book.

9. (Currently Amended) The apparatus as in claim 31 ~~30~~, wherein each contacts entry has at least one alphanumeric text field for storing a telephone number.

10. (Previously Presented) The apparatus as in claim 9, operating as a telephone, wherein the processor is responsive to an incoming call to display an image from the image field of a contacts entry that has an alphanumeric text field corresponding to the telephone number originating the incoming call.

11. (Currently Amended) The apparatus as in claim 31 ~~30~~, wherein the contacts entry can be selected by a user by scrolling the image fields of the database.

12. (Cancelled).

13. (Currently Amended) The apparatus as in claim 31 ~~30~~, further comprising a temporary memory for temporarily storing a captured image.

14. (Previously Presented) The apparatus as in claim 13, wherein the camera control software

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application is arranged to transfer the captured image from temporary storage in the temporary memory to permanent storage accessible by the viewing application.

15. (Canceled).

16. (Canceled).

17. (Canceled).

18. (Cancelled).

19. (Canceled).

20. (Previously Presented) A computer readable medium encoded with a computer program comprising:

program instructions for controlling an electronic device, the electronic device having a digital camera and a user input device, which program instructions when loaded into a processor, provide:

a database software application;

a camera control software application that is separate from the database software application; and

an image viewing software application that is separate from the camera control software application and the database software application,

wherein the database software application provides a user interface that enables a user to access personal data organized as a plurality of contacts entries in a database, where each contacts entry is associated with a different person and has one or more alphanumeric text fields and an image field and wherein the camera control software application provides for taking a picture and then assigning the picture from a camera menu instead of from a phonebook menu, the camera control software application providing ~~provides~~ a user interface that enables the user to control the electronic device using the user input device for displaying the camera menu to

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capture an image via the digital camera and immediately and automatically presenting ~~presents~~ a user selectable option through the camera menu, on capturing an image, for entering the database software application while remaining in the camera menu and using the captured image as an image field of a contacts entry of the database, and presenting a user selectable option to access the captured image through the image viewing software application.

21. to 28. (Canceled).

29. (Currently Amended) A method comprising:

capturing an image via a digital camera by a selection of an option presented via a camera menu displayed on a user interface provided by a camera control software application;

immediately and automatically upon capturing the image, providing, through the camera control software application, a user-selectable option through the user interface for entering the captured image as an image field for a contacts entry maintained by a database software application and providing a user-selectable option through the user interface to cause a image viewing software application to access the captured image, wherein the camera control software application provides for taking a picture and then assigning the picture from the camera menu instead of from a phonebook menu; and

upon selecting a user-selectable option via the camera menu for entering the captured image as an image field for the contacts entry, while remaining in the camera menu, causing the database software application to save the captured image in a database as an image field for the contacts entry.

30. (Previously Presented) The method as in claim 29, wherein the database is modified from within the camera control software application.

31. (Currently Amended) An apparatus comprising:

a database;

a camera control software application;

a database software application;

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an image viewing software application;  
a digital camera;  
an input including soft keys;  
a memory configured to store the database, camera control software application, the database software application, and the image viewing software application;  
a display configured to provide a user interface; and  
a processor configured to control the digital camera and the display, configured to access the memory, configured to receive information through the input, and configured to execute the camera, database, and image viewing software applications retrieved from the memory,  
wherein the camera control software application is configured to enable a user to capture an image via the digital camera through an option displayed via a camera menu on the user interface and, immediately and automatically after capturing the image, to present via the camera menu on the user interface a plurality of user selectable options including an option to add the captured image to a database that is accessible by the database software application, while remaining within the camera control software application, and including an option to invoke the image viewing software application to access the captured image, wherein the user selectable options are selectable by the user through corresponding ones of the soft keys, wherein the camera control software application provides for taking a picture and then assigning the picture from the camera menu instead of from a phonebook menu.

32. (Previously Presented) The apparatus as in claim 31, wherein, upon the user selecting the option to add the captured image to the database memory, the camera control software application is configured to present a plurality of sub-options including a sub-option to create a new contacts entry in the database and a sub-option to modify an existing contacts entry in the database.

33. (Previously Presented) The apparatus as in claim 32, wherein upon the selection of one of the sub-option to create a new contacts entry and the sub-option to modify an existing contacts entry, adding the captured image to an image field of the selected one of the new contacts entry and the existing contacts entry.

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34. (Previously Presented) The apparatus as in claim 33, wherein the database is modified from within the camera control software application.

35. (Currently Amended) A user interface, comprising:

a display; and

an input comprising a plurality of soft keys, and

configured to enable a user to, in cooperation with a camera control software application, capture an image via a digital camera through an option displayed on a camera menu on the user interface and, immediately and automatically after capturing the image, to present a plurality of user selectable options through the camera menu including an option to add the captured image to a database that is accessible by a database software application, while remaining within the camera control software application, and comprising an option to invoke an image viewing software application to access the captured image, wherein the user selectable options are selectable by the user through corresponding ones of the plurality of soft keys, wherein the camera control software application provides for taking a picture and then assigning the picture from the camera menu instead of from a phonebook menu.

36. (Previously Presented) The user interface as in claim 35, wherein, upon the user selecting the option to add the captured image to the database memory, displaying a plurality of sub-options including a sub-option to create a new contacts entry in the database and a sub-option to modify an existing contacts entry in the database.

37. (Previously Presented) The user interface as in claim 36, wherein upon the selection of one of the sub-option to create a new contacts entry and the sub-option to modify an existing contacts entry, adding the captured image to an image field of the selected one of the new contacts entry and the existing contacts entry.

## REMARKS

Claims 8-11, 13, 14, 20, and 29-37 are currently pending. Claims 8, 9, 11, and 13 have been amended for clarification. Claims 20, 29, 31, and 35 have been amended with subject matter from page 4, line 19, through page 6, line 32, of the application as filed. It is noted that on page 4, lines 20-26, of the application, Applicant discloses that the computer program instructions control the application menu structure used by the telephone 10 and that the provide provides a camera control application, an image viewing application, and a database application. On page 5, lines 18-19, of the application, it is stated that “The camera control application provides a user interface that enables the user to capture an image via the digital camera 12.” The user-selectable options, as discussed on page 5, lines 23-27, of Applicant’s application, presented by the camera control application include ‘new image,’ ‘add to phonebook,’ etc. A menu presentation of these options are shown in Figure 3A. Figure 3B shows options in the form of a menu in Figure 3B and discusses the presentation of these options via the camera control application on page 6, lines 20-23, of Applicant’s application. Thus, there is clear support for the claim recitations of a “camera menu,” “a phonebook menu,” and “the camera control software application provides for taking a picture and then assigning the picture from the camera menu instead of from a phonebook menu,” as well as other newly recited claim language. It is respectfully submitted that no new matter has been added.

### Claim Objections

The Patent Office objected to claims 8-11 and 13 because they recite an apparatus and depend from method claim 30. Applicant has changed the dependency of claims 8, 9, 11, and 13 to depend from apparatus claim 31. It is respectfully submitted that no new matter has been added and respectfully requested that the Patent Office remove its objection to these claims.

### Rejection of Claims 8-11, 13, 14, 20, and 29-37 by Nokia Issue EN

The Patent Office rejected claims 8-11, 13, 14, 20, and 29-37 under 35 U.S.C. 103(a) as being unpatentable over Nokia 7650 User’s Guide, Issue 4EN.

Claims 20, 29, 31, and 35 are independent claims. Claim 20, as representative of the independent claims, recites as follows:

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A computer readable medium encoded with a computer program comprising: program instructions for controlling an electronic device, the electronic device having a digital camera and a user input device, which program instructions when loaded into a processor, provide: a database software application; a camera control software application that is separate from the database software application; and an image viewing software application that is separate from the camera control software application and the database software application, wherein the database software application provides a user interface that enables a user to access personal data organized as a plurality of contacts entries in a database, where each contacts entry is associated with a different person and has one or more alphanumeric text fields and an image field and wherein the camera control software application provides for taking a picture and then assigning the picture from a camera menu instead of from a phonebook menu, the camera control software application providing a user interface that enables the user to control the electronic device using the user input device for displaying the camera menu to capture an image via the digital camera and immediately and automatically presenting a user selectable option through the camera menu, on capturing an image, for entering the database software application while remaining in the camera menu and using the captured image as an image field of a contacts entry of the database, and presenting a user selectable option to access the captured image through the image viewing software application.

Page 50 of Issue 4EN discloses that “pictures are automatically saved in the Images application, where you can rename them and organise them in folders.” The left margin of page 50 shows that options available before taking a picture are capture, go to images, settings, and exit. Page 51 discloses “the photos are saved automatically in the Images application.” The right margin of page 51 shows that options after a picture has been taken are new image, send, rename image, go to images, settings, and exit. Page 53 of Issue 4EN discloses “images allows you to view, organise, delete, and send photos and pictures stored in your phone.” Issue 4EN does not appear to disclose or suggest “taking a picture and then assigning the picture from a camera menu instead of from a phonebook menu.”

The Patent Office asserted on page 4, lines 7-17, as follows:

wherein the camera control software application provides a user interface that enables the user to control the electronic device using the user input device to capture an image via the digital camera (see page 50, “Camera”) and automatically presents a user selectable option, on capturing an



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image, for entering the database software application and using the captured image as an image field of a contacts entry of the database (see page 51, “Portrait [...] can be added to a contact card” and see pages 43-44, “Inserting a picture to a contact card”), and a user selectable option to access the captured image through the image viewing software application (see page 44, “Options when viewing a contact card”)

As to page 51, Issue 4EN discloses camera modes including “portrait when you want to take a smaller icon-sized, vertical picture, which can be added to a contact card.” This relied upon disclosure from Issue 4EN fails to teach or suggest the camera control software application “automatically presents a user selectable option, on capturing an image, for entering the database software application and using the captured image as an image field of a contacts entry of the database.” As noted above, and as applied here with respect to page 51, Issue 4EN does not appear to disclose or suggest “taking a picture and then assigning the picture from a camera menu instead of from a phonebook menu.”

As to the recognized deficiency of Issue 4EN in not explicitly teaching “immediately” presenting an option to use the captured image as an image field of a contacts entry of the database, Applicant does not agree that it would have been obvious to provide for this feature in light of Issue 4EN. The claimed invention is directed to “taking a picture and then assigning the picture from a camera menu instead of from a phonebook menu,” which, as understood by Applicant, has not been done in the prior art, including Issue 4EN.

Thus, Issue 4EN does not make obvious Applicant’s claimed invention.

The Patent Office is respectfully requested to reconsider and withdraw the rejections of the claims 8-11, 13, 14, 20, and 29-37 under 35 U.S.C. 103(a) based on Nokia 7650 User’s Guide, Issue 4EN, and to allow all of the pending claims 8-11, 13, 14, 20, and 29-37 as now presented for examination. An early notification of the allowability of claims 8-11, 13, 14, 20, and 29-37 is earnestly solicited.

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Respectfully submitted:

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